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~~relatable to the data tuples of the structured data;~~

using linguistic characteristics of the free text to interpret ~~interpreting~~ said free text to extract relational facts from it,

~~produce~~ producing a set of construed data reflecting at least one relational fact conveyed in the free text, each construed datum being relatable to ~~a data tuple of~~ the structured data of the same data record ;

integrating the ~~produced~~ construed data with the particular structured data ~~data tuples of the structured data; and storing the integrated data produced by said integrating to the at least one storage media device in the form of a database~~ to which the construed data relates.

Claim 2 (original) 2. A product of the process recited in claim 1, wherein said interpreting the free text includes the steps of: identifying roles within the parsed text records and applying caseframes, said application of caseframes ~~identifying~~ producing attribute extractions, each of said attribute extractions containing attribute information of the derived source text ~~and applying caseframes to the attribute extractions, said applying caseframes producing a filtered set of attribute extractions~~;

Claim 3 (original) 3. A product of the process recited in claim 2 wherein said interpreting the free text further includes the step of identifying domains of the ~~filtered~~ set of attribute extractions.

Claim 4 (original) 4. A product of the process recited in claim 2, wherein said interpreting the free text further includes the step of assigning domain roles.

Claim 5 (original) 5. A product of the process recited in claim 4, wherein said interpreting the free text further includes the step of producing relation types.

Claim 6 (original) 6. A product of the process recited in claim 1, wherein: said interpreting the free text further includes the step of creating a new database containing the structured data element produced in said producing; and said product includes the created database.

Claim 7 (original) 7. A product of the process recited in claim 1, wherein: said interpreting the free text further includes the step of producing a file containing the structured data element produced in said producing; and said product includes the produced file.

Claim 8 (original) 8. A product of the process recited in claim 1, wherein the produced file has a format selected from the group of XML, character separated values, spreadsheet formats and file-based database structures.

Claim 9 (original) 9. A product of the process recited in claim 1, wherein said the stored integrated data includes reference information to the original free text for construed data.

Claim 10 (original)10. A product of the process recited in claim 1, wherein: the process further includes the step of constructing a library containing extracted attributes; and said product includes the constructed library.

Claim 11 (currently amended)   11. A product of the process recited in claim 1, wherein said interpreting the free text further includes the step of ~~original~~ <u>coalescing like</u> relation types.

Claim 12 (currently amended)   12. A product of the process recited in claim 1, wherein said interpreting the free text further includes the step of ~~combining~~ <u>coalescing</u> like attributes.

Claim 13 (original)13. A product of the process recited in claim 1, wherein said interpreting the free text further includes the step of coalescing the identified attributes.

Claim 14 (original)14. A product of the process recited in claim 1, wherein said interpreting the free text further includes the step of coalescing identified relation types.

Claim 15 (currently amended)   15. A product of a process of integration of mixed format data, said product comprising a memory device having stored thereon integrated data, said product produced by an integration process comprising the steps of:

accessing a database of <u>data records, at least some of the data records containing both</u> structured data <u>and unstructured data</u>, the ~~structured data comprising a set of data tuples~~; <u>the unstructured data of a particular data record including free text related to the structured data of that data record;</u>

~~accessing a source of unstructured data, the unstructured data including free text relatable to the data tuples of the structured data;~~

~~produce~~ <u>producing</u> a set of construed data reflecting at least one relational fact conveyed in the free text, each construed datum <u>being</u> relatable to ~~a data tuple of~~ the structured data <u>of the same data record from which the free text was taken</u>;

integrating the <u>construed</u> ~~produced~~ data with ~~the data tuples of~~ the structured data <u>to which the free text relates</u>; and storing the integrated data produced by said integrating to ~~the~~ <u>a</u> memory device.

Claim 16 (original)16. A product of the process recited in claim 15, wherein said interpreting

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the free text includes the steps of: identifying attributes within the parsed text records and applying caseframes to produce ~~, said identifying producing~~ attribute extractions, each of said attribute extractions containing attribute information of the derived source text; ~~and applying caseframes to the attribute extractions, said applying caseframes producing a filtered set of attribute extractions~~.

Claim 17 (original) 17. A product of the process recited in claim 16, wherein said interpreting the free text further includes the step of identifying domains of the filtered set of attribute extractions.

Claim 18 (original) 18. A product of the process recited in claim 17, wherein said interpreting the free text further includes the step of assigning domain roles.

Claim 19 (original) 19. A product of the process recited in claim 18, wherein said interpreting the free text further includes the step of producing relational facts.

Claim 20 (original) 20. A product of the process recited in claim 15, wherein: said interpreting the free text further includes the step of creating a new database containing the structured data element produced in said producing; and said product includes the created database.

Claim 21 (original) 21. A product of the process recited in claim 15, wherein: said interpreting the free text further includes the step of producing a file containing the structured data element produced in said producing; and said product includes the produced file.

Claim 22 (original) 22. A product of the process recited in claim 15, wherein the produced file has a format selected from the group of XML, character separated values, spreadsheet formats and file-based database structures.

Claim 23 (original) 23. A product of the process recited in claim 15, wherein said the stored

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integrated data includes reference information to the original free text for construed data.

Claim 24 (original) 24. A product of the process recited in claim 15, wherein: the process further includes the step of constructing a library containing extracted attributes; and said product includes the constructed library.

Claim 25 (original) 25. A product of the process recited in claim 15, wherein said interpreting the free text further includes the step of combining like relation types.

Claim 26 (original) 26. A product of the process recited in claim 15, wherein said interpreting the free text further includes the step of combining like attributes.

Claim 27 (original) 27. A product of the process recited in claim 15, wherein said interpreting the free text further includes the step of coalescing the identified attributes.

Claim 28 (original) 28. A product of the process recited in claim 15, wherein said interpreting the free text further includes the step of coalescing identified relation types.

Claim 29 (newly added) 29.   A product of the process of claim 2, wherein post-processing filters are applied to said attribute extractions, producing a filtered set of attribute extractions.

Claim 30 (newly added) 30.   A product of the process recited in claim 29 wherein said interpreting the free text further includes the step of identifying domains of the filtered set of attribute extractions.

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Daniel P. McCarthy
Reg. No. 36,600
P.O. Box 71550
Salt Lake City, UT 84171-0550
Tel 801 661 8998
Fax 435 615 9669
Email: dmccart@xmission.com